

ABSTRACT

A hydraulic port weld stud can be attached to hydraulic or pneumatic apparatus for providing an angled fluid port. The weld stud includes separate stud components for providing the two threaded ports of the stud, such that the ports are not formed from the same unitary block of material. The weld boss portion of the weld stud may be integrally formed and unitary with the fitting mount portion to form a one-piece component such that the weld boss does not need to be assembled or brazed on. The block which provides one threaded port such as the female threaded port also provides the weld boss portion and may be generally cylindrical and made of cylindrical stock material. The two primary components of the weld stud are brazed together with a weld ring which provides an indication of proper assembly when melted.